MAY 29 1973

FOC 848

LUSHFI
Here 'Tis - Fred OH
"All The Latest"
on 160
See Page 5
Happy Days
BCNU
73/74
Stew

WIRELESS PIONEERS

W1BB
STEWART S. PERRY
36 Pleasant Street
Winthrop - 02152 - Mass.

TNX
Nice Letter

FOC 928

MAY 31 1973 — W1BB -- 160 METER DX BULLETIN -- W1BB — 1972/1973 - No. 3

de W1BB/Stew ----- What a wonderful 72/73 DX season!! Full of "Thrills & Spills" - Lots of DX - Twelve new WACs compared to a previous total of only 29 from 1953 to Season's start - immagine!! WOW!! ----- Another measure of the difference. 72/73 season W1BB wkd 32 Countries/102 different stations. THIS 72/73 season wkd 45 countries/141 different DX stations - big improvement!! ------ Many more "good-guys" on - lots of fun trying different antennae - return of the "LOOP" - some outstanding DX signals - good operating - FB Contests - suprise DX & DXpeditions - new Countries!! - and many really climbing the 160/DXCC ladder!!! ----- BUT!! What a "BLACKOUT"!!! Never remember such an almost complete demise of 160/DX as occurred Mar 9th thru April & 1st week of MAY - Condx real LOUSY!!! However,(See BULL #3 71/72) we had similar"letdown ", though not so severe - during same period last year - guess we'll just have to get used to it - however it makes DX all the sweeter when it comes back again - doesnt it!!! ----- Keith/G3RPB made a very apropos comment abt the season - that Condx unusually good - but the lack of DX activity, at times, failed to realize the band's full potential!! What we need, he sez, is MORE DX stns on, more of the time, in more countries. They'd hve fun, we'd all hve fun!! Think we ALL agree!! Soooo -,what do we do about it?? Lets talk up 160 to more and more DX STATIONS with renewed enthusiasm!! ----- Whats ahead??? Well, for one thing we start summer with PY1DVG/EI9J Trans-EQUATORIAL tests which should provide interest and suprises.(See herein). -- Also, the PY1DVG/Wa3EHV DXpedition to Trinidade as PY0WL/PY2ZAA, 48Hrs Beg June 8-13, all bands, especially 160/1827Kc. GREAT!!! (See herein). With sunspot numbers not yet having touched bottom - the coming Fall/Winter 73/74 season should be a "CORKER" !! SOOOOOOOOOO MUCH anticipation !! ----- We DO have "Problems" - some good fellows - mostly unintentionally, keep trying to cover the "DX-Window" with their QRM. Let's ALL coax them - educate them, befriend them, get them "on our side" - so they'll HELP us, and have fun themselves working DX, Let's all really put our shoulder to this job. Never let an opportunity pass to "talk-up" and explain the "DX-Window" in a nice way and enlist COOPERATION!! ----- There's more of us on 160 now, and we QRM each other more - cant help it - the only answer is, more and more SELECTIVITY, of one kind or another, plus patience, perseverance and good gentlemanly operating. The 160 GANG is famous for this - let's keep it up. Shorter and less frequenct CQs help. Synchronizing our CQs - all using mostly ONLY the first 2 or 3 minutes of each 5, or 15 minute period helps, depending on the situation DXwise. To NOT work the same DX station over and over every night etc, gives others a chance and lessens QRM. Cutting local W/VE QSOs out when DX is possible. Taking less time for each QSO, Reasonable QRS and QSZ, etc, all helps!!

HAPPY SUMMER GANG!! Best 160 DX!! 73 de Stew/W1BB

FUTURE OF TRANSATLANTIC DX TESTS???? Test #4 72/73 went well Feb 11 but FEW participants. DX was G3ZRZ & G3ZYF/Robin/449 both "First Time Across" boys/CONGRATS!! also G3ZEM,RPB-OL1ACH-OK1MRW,HB9NL Ws; 1BB.CKU.4JFK,2UEZ-VE1CD,2BBK - few otrs. Looking at tests 1,2,3, (Bull#2), participation low, & again we consider question WHY?? & Should TESTS be discontinued?? -- Believe "WHY" is tt whereas the "TransA"s used to be THE big deal each yr when DX was so scarce and crossing SO difficult - NOW with DX being wkd regularly, all the time, many feel the "Tests" are too mild, an "anti-climax" - this is partly true. BUT shall we DISCONTINUE them?? THIS has been the 40th year of these TransATLANTIC tests and would be a good "Knocking-Off" point. HOWEVER a feeling by some, repeatedly expressed, is tt the TESTS afford NEWcomers and QRP stns their best chance to "cross", and work their first real DX - and this is true - see the records. SOOOOcccc while the whole question of "To be or NOT to be" will be taken under advisement. Comments to W1BB appreciated. It is quite probably they WILL be cont in 73/74. Whadaya think gang?? - (The TransPACIFIC "Tests" which started off 160 DXing across the Pacific. in 3 yrs quickly developed it to the point where now it is DX Tests, or regular DXing every weekend - often during week, when gud condx exist - same as the TransATLANTIC path!!

NEW ONES FOR W1BB after not adding a NEW country since June '72, and thinking might never add anoth then "Bingo", Friday Feb 3rd wkd ZD9BM/Roy and 4W1AE/John for No.114 & 115!!! Big THRILL, to "get-going" agn aftr being in the "Doldrums" so long!! NOW, maybe?? Others??

SELECTIVE SKIP - Ever notice tt sumtimes a fellow HAM 50 to 100 miles away, or in neighboring count or state will be hearing/working DX well, whereas YOU cant hear at all, or only weakly?? W1BB over years has observed this MANY times. Even 30 miles sometimes makes a BIG diff in sig rpt. Just recent one night Gs were booming in - but NO OKs - then an hr later Gs gone, OKs booming in!! KV4FZ/Herb wrote,"Strange Eu opening Feb 18. Wkd 6 OK stns 579, hrd NO Gs till 0530z, then OKs all but gone. Different keying,chirp, etc rules out ONE stn giving several QSOs,-STRANGE selective SKIP"!!! Also 4W1AE/John sez tnks can hear & wk Gs in one DX spot and not in another nearby. This is one of the things that makes working DX on 160 very interesting and intriguing!!!

KV4FZ/HERB CONGRATULATIONS Countries 4W1AE-#96/90 & LU5HFI-#97/91. (96/90 etc means 96 total 160 countries wkd in 10 years from W0VXO and KV4FZ -- 90/total from KV4FZ only etc.) Nice Work Herb!!

GREAT ACCOMPLISHMENT GORDY, VE5XU OM - QSOs EUROPE!!! His 1st '73 QSO, w/GM3YCB Jan3 0419z, XU/459 Sez "BIG THRILL to actually hr 1st Eu & QSO same!!" --This is "FIRST VE5/EU"ever, and furthest West VE/EU! (Previous was VE4RO/G3GRL abt '62). Gordy sez E/W paths this yr bn vy poor usually fm hr w/ lots AURORA killing Dx, bt wkd VP9BO,4M4AGP,ZF1GS,PJ7VD,KP4DLW,VP8KF,ZP9AY,LU5HFI,GM3YCB. "Bob/W7DL sez LU5HFI if Fred Laun who had potent B.C. TOWER sig fm HI8XAL 64/67. Gordy continues, "As Bob says (And I LOVE tt phrase); FREB is the kind of Guy who knows how to get the smoke up the stack!!!" Hi! VFB BB agrees!! Gordy thinks tests might be arranged for Mid-West stns, (Good project for W2EQS/2 ow!!), when East Coast boys would QRX and give them btr chance, also a "PACIFIC" of VK DX-WINDOW mi be established and all W/VEs stay above 1805Kcs??? (Wld hv trble w/phone boys on this!!) Comments Gang?? Gordy is right abt difficult position of MIDWEST stns wky Eu/DX thru E Coast QRM. Can it be helped?? OR is this the price one MUST pay for living Mid-West?? Comments!! Gud to hr fm U GORDY!!!

SUGGESTION de HB9CM/PHILO:: "When 'DX-WINDOW" crowded & otr times too - DX shud use 1830-3[illegible]Kc also, & W/VE listen there" -(Would be nice for W/VE too except fr 25w limitation. HB9CM wkd quite few W/VE 72/73. Best nite Feb 18th wkd 19 plus KV4FZ & 4W1AE!! VFB Philo OM.

WANT TO KNOW ABOUT CURRENT CONDX ON HAMBANDS INC 160???!!! W3ASK/Geo Jacobs suggests CQ's new "DIAL-A-PROP" service Tel 516-683-6223 for 2 min recorded LATEST propagation data, NEW EACH WEEK, it includes few words abt 160 Condx!! Geo thinks 1974 SHOULD be a BANNER YEAR on 160!! Tnx Geo VFB!!!

NOTE!! 160 METER "ENDORSEMENT" TO CQ AWARDS NOW AVAILABLE!!! To their "CQ-CW-DX" and "CQ-SSB-DX" awards for working 50 countries on 160 meters with QSOs after Nov 1945. Applications to JERRY Hagan, W6GLD, PO Box 1271, Covina, CA 91722. GREAT!!! (Tnx K4IIF/John OM, a "Me"!!)

W2CQ/JOHN TO BE AT 4U1ITU AGAIN NEXT JAN/FEB '74 HOPE!!! Sez he MAY be able to go - will "Keep us in touch". IF!!, operating time wl b vy limited & wl NOT ans CQs - only direct calls!! "Sez: "The 160 band is open far more than most of us realize"!! (Correct!! See pl de G3RPB). Maybe otr spots!!

DL1EF/ARMIN BACK ON 160!!; After long layoff wkd much DX FEB BUT unfortunately in hospital to rest weak heart few wks. Nw ok on agn "fine and dandy". Using Inv Vee. Plans bigger btr ants! Sez MAR 25 a GOOD nite!! Wkd W2LWI,1HGT,LU5HFI. Rcd Wa4SGF 0400-0530. DIs lost 1985-92Kcs Nw Hv Onli 1815-1835

BEVERAGE DOPE AVAILABLE: W3AQ/Earl very kindly volunteers to send detailed photo-copy of info on "Beverage" Antennas, theory and construction, to anyone who requests it, with 2¢ S.A.S.E., Tnx a "Ne" Earl. (Have seen it - very excellent/Stew) ALSO de W1PL/Lael sez if you want original Beverage antenna dope by Mr. Beverage himself see NOV 1922 QST!! Further, Toby/K0DCK offers to send to those requesting w/s.a.s.e. - photocopy of FB BEVERAGE data from JULY 1922 QST

"EXC[illegible] 160 ANTENNA - "THE BOBTAIL CURTAIN"!!! W5RTQ/Earl mentions W5SZ's BOBTAIL, used w/ great success. During CQ/ARRL tests wkd when Eu could not b e hrd by any other 5s. Wkg Gs that 5s. Its FANTASTIC if you hv two 140' high supports spaced 550' for 3 el, & 275' for 2 El. W5SZ sez [illegible] BOBTAIL doesnt do it's best until path exceeds 3000 miles. "BELIEVE IT OR NOT" (Ripley), He has three of 'em!! (Want to know how actually to match GAMMA a grounded beam tower?? Write W5RTQ/Earl).

LOOP ANTENNAS are BECOMING POPULAR AGAIN!! W7DOL/6-Roy developed a beauty with transistor Pre-Amp, performs excellently, wkd Eu with it -,what more could you wish?? A WONDERFUL help for high noise QTHs. Think if you "Twisted Roy's Arm" he might send you print w/details. W5RTQ/Earl is using one, sez "Without which I would have missed many QSOs". He has modified it slightly. Present known LOOP users, W7DOL/6,W5RTQ,WØNFL,K8KAS,W1PL. ALL praise it!! (W1BB tested loop antennas in 1959, w/tube pre-amp, found them excellent help for high noise areas. But not as good as a half wave resonant antenna in quiet QTH - the socalled "Aperture Theory", (The bigger the antenna the more signal it picks up) supports this.)

AFRICA 5Z4KL/5Y4KKL,(GM3VLB)-ANDRE REPORTS!! Arrived Kenya '64 - High School Teacher - Govt delaye license 1967 - wkd AB/DXCC 314 entries, then interest 160. Home brew '70 wkd HB9CM. Moved QTH. QRV agn '72 & since wkd 5Z4WO-4W1AE,BT-GM3YCB-G3YIW,SZA,RPB-OK1ATP,FCW-JA7AO,1MCU,3AA-W1HGT-ZD9BM & Otrs w/260' bent LW w/FT101/75w. Sez "Noise on Equator indescribable!!!" Left 5Z4 permanently June 25th!

PADDY/EI9J REPORTS - ANNOUNCES JUNE TransEQUATORIALS. No real highlights. Many periods when band not open to W. Some REAL GOOD but short openings thow - During disturbed condx, exceptionally GOOD DX openings often occurr on 80 & 160. Poor Condx coincided w/Tests, except 1st wk end ARRL/CW Test. Activity higher this season. 4W1AE Consistent-JY9FOC,5Z4KL,FP2BQ. Dec 28, Jan1&7 EXCELLENT!! Hrd LU5HFI,LU5EVM-No QSO". See "Looking South" for TransEQUATORIAL test announcement by PY1DVG/EI9J.

VO1KE/MIKE VERY QRV 160: w/95w,6146 & 67' vert top load. Wks much Eu Dx since 1/73. Thinks operatin in "DX-WINDOW" during TESTS should be grounds for DISQUALIFICATION - what think boys??? Tnx Mike!!

"FIRST-EVER" TransCONTINENTAL/TransATLANTIC W6/GM by W6DAO/459/Brad to GM3YCB/"Stu".!!! Sez -"W1BB BULL No2 TURNED ME ON" - got real interested 160/cw - Then JOY!! Jan 7th YCBs sig 559 fr 7 mins & solid for our memorable QSO. What an opening to Eu!! Lasted 43 Mins. Hrd so many stns my head swam! 12 Eu - 7/G,3/GM,OK/OL!! This season wkd GM3YCB-KH6RS,CHC,VP2A,ZF1GS,PY1DVG,CO2DL,KP4DL,YV5CKR,JA3 SVG/mm,KV4FZ,PJ2VD. EXCELLENT work Brad OM and CONGRATULATIONS fm all the gang!!

K2GNC/BILL CONCLUDES after much ant wk tt a gud LOCATION is the most important single factor to goo 160,DX - like salt water, or wet gnd, salt flats for miles arnd.and MANY RADIALS!! Thinks his phas vert wkg on Rx gud as Beverage, when VERT noise low - but Beverage best when noise comes fm a distance. Bn playing w/loops fr yrs - gng try agn! Feels (As otrs do) we ALL aught to watch MANNERS

CHARLIE/W2EQS/9 NOW MISHAWAKA IND. Straining at the leash, with new QTH and room for Ants to get 'em up and going!! Misses gang on 160. Should be all QRV this coming season. Starting "All over aga

W7DOL/7 ROY ENJOYED PHENOMINAL EUROPE OPENING!!! Sez "Biggest news hr - EU openings-extremely WILD unbelievable Condx. Started NOV8-hrd DHJ 1st time ever 0300-0800 peaked 0615 plus 20DB!!! Frantical cld CQ/EU - no one on!! I'm sure every W6 HAM cud hv QSO'd every 160,HAM in Eu tt nite!! Then DEC 1 K6UA wkd G3ZEM in Window 0830z. Then I cld & BINGO QSO/EU!!! JAN6 WOW!!! 0430 hrd loud sig in Windo 1829 - that W8,W9 - signed GM3YCB - cld/ND-then OK1ATP cld me hd 569x2 QSO!! THEN wkd GM3YCB got 589 OUCH!!! - Hrd G3YU - BOY!! Since then no Eus at all & DHJ/weak. Use DRAKE TWINS, 65' Top Loade very and 3" Diam LOOP fr Receiving. Wkd OA8V, usual JAs, VS6DO,S.A., CARIB,Missed VK6,YVØ. Playing w/daytime DX wkd K6IIG/400 Miles, W7, W8,W5,WØ all btwn 2-3PM. GREAT STUFF ROY OM!!

THE G/BAND ON 160 de/Mike G3IGW:: Extends 1800-2000Kc unbroken, on secondary basis to other service Mainly coastal & shipping Stns. Some Eu cntries like PAØ,DL,Etc hve smaller chunk centered arnd 183 EUs could generally use 1825-1835 Kcs,CW,although there is QRM Coast Stns on 1827. There is little EU activity below 1825 Kcs because of QRM from Commercial stns. There is little EU phone activity below 1850 Kcs except occasionally to wk DL-PAØOK arnd 1830 Kcs, or DX across pond. Most Eu Phone 1865-1885. 1800-1810 VW for W/VEs, and 1825-1835 for DX he thinks is best set-up. Tnx a Mc MIKE OM.

MISCELLANEOUS - EAST Coast-TransATLANTIC-Europe - MISCELLANEOUS

W1HGT/RALPH GOING GREAT GUNS As of Jan 28 wkd 90 diff DX stns in 36 entries. CONGRATULATIONS!! Vy excellent - means good equipment, EXCELLENT QTH, perseverance,skill!! WITH 9 WATTS G3XAF/PHIL wkd W1BB,HGT,GJEpK1PBW,Wa1GXE-2EQS,UEZ-K2GNC-4QCW-Wa8IJI-KV4FZ AND!! Note This!! (9Watts) got SWL rpt WIA-L6201 fm Western Australia 6Jan73 449!! fm indoor tuned rotary loop. CONGRATS PHIL-NICE!!

Wa1GXE/GARY has 48 states, 15 Cntries inc EI,HB,PY,G,OK,VP9,ZF1,CO2,YV5,KV4,PJ7,PJ2,4W1AE. w/ 50' vert/ has fine swl rpts fm HA&PA - VFB!!! G3ZJK/Chris "FIRST TIMER" "Crossed" 5Jan73 QSO W1BB to rec 559. After trying unsuccessfully 2½ yrs. That's "Patience/Perseverance" - CONGRATS Chri OM!! Uses 260' Inv L av hgt only 30'. Since has wkd Wa 1HGT-2UEZ,EQS-VE1AXT,CD-EP2BQ G3RPB/Ke doing FB Sez Condx unusually gud - but activity at times makes it seem less good than it really is

[illegible]/3RPB/KEITH Consnously Has 46 Cntries! Nw lukg fr 2 to make it 50 this season - LD2AZ/Keith. Heavy NOISE at QTH tt kept hm off 160 fr 2 yrs MIRACULOUSLY disappeared - CHEERS!! Wkd many W,Vks, KV4FZ-4W1AE-5Z4KL-EP2BQ-3P6DR inc W8,9. Feb18 wkd 25 W/VE. "KV4FZ has TERRIFFIC!!!!! Signal in G/land Strongest DX EVER hrd on 160. Wkd JY9FOC for a FIRST!! HUNGARIAN SWL/JANOS HA-14087 monitors 160 faithfully. Jan/Feb hrd 12 Ws & 8P6DR,KV4FZ,W5RTQ! Many EUs. Tnx Janos!! W1AXA/"RED"-MANY CONGRATULATIONS COUNTRY No.1!!! Wkd OE5KE 24 Feb GREAT!! "Just the beginning". Then next day wkd 4W1AE!! Nw fr more. RED was on 160 1924 - has QSL to prove it!! FB!! W4BRB/GENE Hrd 579 by JA7AO CQ/160 test-GREAT!! Nw fr QSO! Also wkd EP2BQ-4W1AE for WAC!! CONGRATS - gives credit to a great GROUND improvement by the addition of a SUNKEN ALUMINUM ROWBOAT to his Dockside ground system under vert ant. Immediately wkd ZD9BM fr cntry No.64. anyone got any sunken aluminum rowboats they dont need???!!! K2GNC/BILL QSO'd 4W1AE & EP2BQ his 1st ASIANS FEB'72-GREAT!! Plans more ant wk this summer too!! G3SJE/John thrilled to hear 5 Continents within 2 hrs. VK3CZ/1925z, 5Z4KL/2107z, 4W1AE/2110z-VO1FB/2115z, Gs. Condx VFB - GREAT!! Wb9BUV/[illegible]/CHUCK Congrats!! Making "WAS" w/KL7 lately-nice! Also 23 Cntries-a REAL accomplishment fm Mid/West. Nw fr more w/tt vfb "Battleship built" Valiant!! W3IN/DON Congrats. Wkd EP2BQ,ZD9BM. Nw has 55 Cntries wkd and WAC/160!!!!!! W5SUS/JOHN (Ex W4GDH) doing FB w/30 Cntries Nw inc HB9NL,ZP9AY,OA8V,EI9J,VK3CZ, VK6HD!! Nice. K1ICD/FRANK suggests 0-5Kc fr those clg/wkg DX - 5-10 Kc fr those wkg West/East. Whataya think boys?? Comments??? W2BP/AL Congrats "WAC" Feb 26 QSOing 4W1AE!! Also Nw 62 Cntries fd FB trip Okla w/KW2000 on 160. QSO'd many Mid-West boys!! Talked up "DX-WINDOW". Likes 160 AWARD idea. Suggests base 25 Cntries w/Sticker each add. 25. VFB!! Wa9UET/RAY QSO'd KP4AST,ZF1GS, GO2DL,KZ5ZZ. Nw has 24C!! Grest fr Mid-West where its really hard to wk DX. Sez W/Maybe tts why its so much FUN"!! Uses RANGER Tx. G3IGW/MIKE wkd new ones 4W1AE,JY9FOC. Sez "I'm aiming for my "Centuey", THIS"Ce ntury". LUCK to you Mike OM. Sez 1800-1810 best fr W/VEs CW & 1825-35 for EUs. NICE TO HV Wa4LDM/JACK BACK after 2½ yrs off making 5Band WAS & DXCC on HF. On 160 nw using 75A3 Ranger, Inv L. Lst QSO w/ KZ5LS. FB G/swl NORM SMITH still at it-hd fine string Jan 26/27/28. Thinks DEC 10 '72 best nite this season. Wonders if Iceland's Volcano affected 160 DX?? Tnx Norm. G3ZYY/TREV doing FB w/FT101,½wve End Fed 45' high ant. Got JY9FOC 3/24 sez "My dislike for writi writing equals my dislike for 160 pirates!! Hi/vfb!! QRP ON 160 de W9PNE/Brice, w/5 watts, this season wkd 47 States. (Who can help Brice with KL-KH6-RI??? On otr bands QRP 5 Watts WAC and 25C!! Also w/ ½ watt WAC & 19C BOW!! Nice & FUN!! PA/SWL/NL216/Dick Bn sick in hospital w/heart attack. Nw out & quite OK. Keeps good ear on 160 DX. 70 Yrs Young & really enjoys his SWLing. VFB Dick/luck! ANOTHER WAC Wa4SGF/ED when he wkd EP2BQ Feb 22'73. Nw w/4W1AE Feb28 60C. QSOs KH6CHC,EI9J,HB9CM, DL1FF,OL1AOH,4W4ACP,KZ5LS,YV4AA,Gs etc CONGRATS!! W8CUS/"CHEN" on w/ 80w & 500' LW & BC3480/453B. 40 Yrs HAM since W2GCC 6/24/33. Sez "HURRAY FOR 160" !! Tnx! DL1TU/E.R.A.U. expected to be operative FEB '74 - More later!! SILENT KEY 160/DXer JACK/W2DC COATES Feb21st age 78/ A Lt Col of Royal Signals. His call was well known on 160 and wl B deeply missed - "SK" Jack OM. G3AAQ/JAKE/FOC has severe BBC overloading/splatter/Etc (Stn 10 miles away) but still wks srm DX when BC stn off - W1BB,HGT,etc. Must use 20DB attenuation in front end. A tough problem!! SORRY!! WELCOME KZ4MA/VP7-DAVE!! who is coming bk on 160 aftr long QRX - w/100w,CW,Xtal 1800-05 & 1824 Apprex fm ANDROS Isl.GREAT!!

WEST COAST - TransPACIFIC - FAR EAST

"WELL-SAID" by K5CIT/KH6-JOE "The 160 boys dont listen enough on 1997Kc We call & call - No ans!! SO TRUE!!! K6UA/DALE Sez "160 can open anytime - you just have to be there. Many times it is really "Wide-Open" and there's no one around to take advantage of a very FB opening!! Rite Dale OM!! JA1HKP/"Johe" HAS EXCELLENT SEASON Hrd/Wkd many W 6/7 - Hrd W1HGT,W4EX,W5RTQ DEC - wkd KH6CHC,KG6JB a "First-Ever"!!. & JA1ACX,Marcus,VS6DO,EP2BQ. Hrd DHJ Oct/Nov/Dec. Sez "JA7AO wkd Wa8IJI & Hrd ZF1GS. JA1MCU,3AA,7AO wkd 5Z4KL for "First-Ever" Africa/JA QSOs. VFB and CONGRATULATIONS John/OM. JH1LKH/Mine visited USA/March. Too QRL fr much 160 bt wkd KH6RS 6 bands 10-160. 3 Cont. 11C has R4A OUTSTANDING JA7AO/"Tok" REPORTS!! (See CQ/160 herein) Also wkd Wa8IJI/TOM/OHIO, furthest East W/JA ever!! (See BULL #2) Hrd W4EX many times. Was hrd by W7UKP/4 in Florida. NOTE!! His marvelous 72/73 log lists 70 DX QSOs thru Jan23 - 29 Different stns, 9C, inc KH6CHC,IJ,RS - JD1ACX/Marcus - VS6DO-KG6JBO-VK6HD-EP2BQ-5Z4KL/Andre the "FIRST-EVER" JA/Africa 27Jan 2039z both 579 -- Ws/6,7, Hrd W4BRB JA3AA/Isaji - JA COORDINATOR & DXer Sez JA1MCU wkd 5Z4KL also ---JA1MCO & JA7AO Hrd 4W1AE 579!! 569 27Jan - Many JA/W6,7,qsos - JD1AGZ/Marcus wkd JA3AA,7AO 27Jan 1873/1910k - "First-Ever"88 KG6JBO/Guam,JA1HKP 10 Dec 1307z then JA3AA,JM,BJH,KHQ ,7AO! VFB!! JA1MCQ wkd DL1FF. VK3QI wkd JA7A 27Jan. - JA3AA FEB hrd 4W1AE,W7DL/7,Wa7ILC,K6DDO,W4EX/559,W5RTQ -- JA1ACX Hrd VE5XU,W6NTF JA9AKU Hrd JY9FOC,8P6DR,7Q7NB,PJ2VD,KV4MW,FZ -- JA3AA Nw has wkd 21C, 5 Cont 0 Needs S.A. Badly The "JA 160 METER NEWS" BULLETIN" issued by JA3AA is a WONDERFUL publication (in Japanese). Latest No.17 25Jan73 has EXCELLENT "From the Leg" section, listing many JA stns & their DX QSOs also Hrd CONGRATULATIONS Isaji. JA3AA also is EDITOR 160 SECTION "JA CQ HAM RADIO" Magazine. Circulation [illegible] JA HAMS interested in 160!! GREAT!! "Fine and Dandy" (If U read Japan

3JAK/ex VFB SOUTH PACIFIC SWL/RPTS:: 18feb 0445-0917z Near FO8 (42S-15OW) K2GNC,W2UEZ-K4GSU, W4QW,REZ,BRB,Wb4JFK-W5RTQ w/"Best Sig" 589,SZ,SBK-W6ITY,Wb6KBK-W7BNZ,DOL/6,SFA-Wa8LJI-W9PNE-WØNFL, KV4FZ. 25Feb (155s-155w) 0136-0323 "W1BB/1-W3IN-W4EX,GJO,DQS,BRB,K4CIA. TNX a "Mc" Jan OM.

ONE WAY SKIP REGULARLY OBSERVED to KH6 from East Coast. KH6RS,IJ,CHC can usually be heard well, an hour or two before they can be worked. Openings regularly occurr very close to Exact E. Coast Sunris

LOOKING SOUTH

FLASH-FLASH-FLASH!!! TRINIDADE ISLAND DXPEDITION BY ROLF RASP/PY1DVG and CARL KRATZER/Wa3HRV !!!!! Especially on 160 - and all other bands - CW/SSB for a 48 hour period between June 8 and 10 73! Cal Calls PY1DVG/160 and PYØZAA. CW-1827,3502,3527,7002,7027,14027,21027,28027. SSB- 3797,7097,7197, 14197,21297,28527. Also on 1804 for Eu etc. QSL PY1DVG PO Box 51-ZC-ee Rio Brazil. GRRRRRREAT!!!!!

SINT MAARTIN DXpedition de JOEKE/PJ7VD.(PJ2VD):: Went off w/Excellent operating on schedule w/VFB results wkg many Ws & Otrs. Sigs varied depending time of night, up as high as 579 - at times Vy QSB & a bit "In the Mud". Many got "NEW COUNTRY". Used old Globe Chief w/xtal. PJ2ARI/Arie-opr wkd 75 W/VE -8P6DR,KP4,KV4 - (Nw Arie bought this Tx & PJ2ARI should be on 160 regularly fm PJ2-HOPE!!

JUNE 1973 TransEQUATORIAL TESTS:: FLASH!!!!!! Organized by Rolf/PY1DVG & Paddy/EI9J will be held each day roughly 0000-0400z each daying June. Eu & ASIANS use DX-WINDOW 1825-30. All otrs inc W/VEs use 1800-07. Stns North of Equator CQ 1st 2½ min of each 5 min period. Those SOUTH, the last 2½ Mins each 5 min period. Keep QSOs short to give otrs chance!! N/S Condx best in June - taper off in July. There are usually 2 or 3 days at least of EXCEPTIONALLY good Condx when sigs 2 to 3 S units above average. SOOOoooo check Condx daily. W/VEs must NOT Tx in DX-WINDOW!! CP1EU,LU5HFI,EVM,YV5CKR, ZS1MM (1935Kc), 9J2XZ,LF-ZP,VP8,CX,PY,ZD9 & Otrs expected on. Tnx Rolf/Paddy - GREAT!! Have FUN!!!!

TRISTAN da CUNHA - ZD9BM/ROY sez "Over last 2 yrs hv tried many types antennas hoping sig would improve - I hv finally settled on an "INVERTED VEE". Fine ROY - CONGRATS!! Nice work ZD9 on 160/MAP!

LU6BAJ/CARL Moved job, and to the country - off 160 for while - but "Shall Return" - Miss U Carl OM!

VETERAN 160 DX TRAVELER BOB SNYDER - LU5EVM ON 160 AGAIN!!! W/"Signal-One" & 50' Vert, agnst water pipe grnd. (EX-WØGTA,EP2BK,VS1LP,9M4[illegible],IA/AD!!) Fm "NOISY QTH" downtown Buenos Airies. QSO'd WØAIH, however excessive NOISE queers many - being hrd well, & Cld by W/VEs though. Wkd ZP9AY,CA8V,ZD9BM, VP8KF,Wa8LJI (Who has "TERRIFIC" Sig). QRN/Static "BAD" too!! Wkd DL1FF. VFB Bob OM!!

FRED LAUN - LU5HFI w/GOOD NEWS!! Has VFB QTH out in country away fm NOISE!! 98' Tower w/sloping half wve dblt. Nw interested beverages - may put up "Several" (Hi) Has room. Also nxt yr wl hev pair 813s Regs allow 1KW. No LORAN problem, but QRN often "FEROCIOUS" - but when nw QRN can hear EVERYONE!! One night DHJ 25 over 9. Called CQ - 4 Eus answered - but QRN got them. "Fine and Dandy" OM Fred!!

BOB SNYDER's "HYPOTHESIS" - LU5EVM. Bob has made MUCH 160 DX History, and early in the game stated the hypothesis that "At the right time of season, nightime, Condx etc, 160,DX Could be worked from ANY spot in the world" (Almost-Not in Auroral Zones) -- and the years have proved Bob RIGHT!!!!

YV0AA-AVES ISLAND S.A. DXpedition (160 Portion)(de F5QQ/GD5APJ/Ron/Opr.) -- This VERY successful AB DXpedition put on by the RADIO CLUB VENEZOLANO boys left Venezuela Jan7 midnight with 12 people, 3 Rigs inc DRAKE TWINS for 160. Navigation problems - arrived Jan 10 AM - got on HF promptly. 160 Vee apex 30' up Jan11. No one had 160 experience except that a bit of G3SUK's had rubbed off onto RON in G/land during 1970 CQ/160 Test - so RON went to work. 1st QSOs a Sked w/ KV4FZ/ssb. RON sez, "I was pretty excited to establish FIRST CW/160 w/KV4FZ, Then K4CIA, then 45 others!! I really enjoyed it a lot. Pse QSP my TNX to the 160 boys for their help, perfect behavoir on air, patience & understanding while I was operating fm AVES. I'm answering 160 QSL cards as they arrive - 14 thus far out of 47. - A slight chance we may go back agn nxt yr!! Tnx Mc RON putting AVES on 160/DX/MAP!

WAY DOWN UNDER

VK3GZ/ART DOING FB - LIKES CQ/LISTEN PERIODS SUGGESTED ETC. - For VK/W working likes for W/VEs call last 2 min each 5 min period, and VK/ZL/Oceanic DX, call LAST 2 mins only, each period until QSO. Sez wl make much less QRM & "Synchronize" things better. Wkd K6UA, G3RPB,G3SZA Jan21! -- DHJ comes in every AM (Most) 469/599 Plus. Wkg on GP w/Radials. ART QRV 160 regularly fm mid NOV thru APRIL has only missed ONE sunrise period. Remarkable Patience/Devotion,160/perseverance!! Jan thru Mar wkd G3SZA,RPB-W1AE-GM3ICW/A-W6UA-SALB,ANO-Wb4JFK. Hrd DHJ regularly, G3TR,LIQ,YRO,YMH,YUV,ZTQ/A,RPB-K1FTP-W4G3H,W1BB/1,HGT,Wb9BUV,WØEOT. "GREAT GOING" Art OM - Tnx a lot. KEEP UP THE GOOD WORK!!

CORRECTION!!! FIRST KL7/ZL QSO was KL7FRY (W5RTQ) w/ ZL3RB/Mick Dec 1966. (Not w/ZL2AGY - Sri!)

[illegible] GEORGE ALLEN CONTINUES HIS VFB 160 OBSERVATIONS, STUDIES, ETC. [illegible] Condx bn poor 72/73 for [illegible] hemisphere W/only few short HX openings to W/VE [illegible] Hv completed grand analysis [illegible] DX & Commercial [illegible] - or abt 75% of total time [illegible] swling 1966!!) -- Geo has [illegible]

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